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WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/844,635	04/28/2001	Bharti Temkin	12001-105

**CONFIRMATION NO. 1591**

26486  
PERKINS, SMITH & COHEN LLP  
ONE BEACON STREET  
30TH FLOOR  
BOSTON, MA 02108

**FORMALITIES LETTER**



\*OC000000006216008\*

Date Mailed: 06/22/2001

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

**FILED UNDER 37 CFR 1.53(b)**

***Filing Date Granted***

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 65.**

***A copy of this notice MUST be returned with the reply.***

Customer Service Center

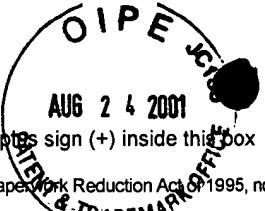
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

08/27/2001 EABUBAK1 00000068 09844635

01 FC:205

65.00 OP



Please type a plus sign (+) inside this box →

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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PTO/SB/21 (08-00)

Sec for \$

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/844,635
		Filing Date	April 28, 2001
		First Named Inventor	Bharti Temkin
		Group Art Unit	2671
		Confirmation No.	1591
Total Number of Pages in This Submission		Attorney Docket Number	12001-105

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> two (2) Power of Attorney forms	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<b>Copy of Notice to File Missing Parts of Nonprovisional Application; executed Declaration for Utility or Design Patent Application; check for \$65.00 (surcharge); and return receipt postcard.</b>
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jacob N. Erlich, Reg. No. 24,338
Signature	
Date	AUG 22, 2001

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, BOX MISSING PARTS, Washington, D.C. 20231 on this date:

AUG 22, 2001

Typed or printed name	Jacob N. Erlich		
Signature		Date	AUG 22, 2001

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AUG 24 2001

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Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 65.00)

**Complete if Known**

Application Number 09/844,635

Filing Date April 28, 2001

First Named Inventor Bharti Temkin

Confirmation No. 1591

Group / Art Unit 2671

Attorney Docket No. 12001-105

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees (deficiencies only) and credit any over payments to:

Deposit Account Number

03-2410 (Order No. 12001-105)

Deposit Account Name

Perkins, Smith &amp; Cohen LLP

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check     Credit card     Money Order     Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1)

(\$)

**2. EXTRA CLAIM FEES**

Total Claims	-20	=	0	X	Fee from below	=	0	Fee Paid
Independent Claims	-3	=	0	X		=	0	
Multiple Dependent				X		=	0	

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	65.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive – unavoidable	
141	1,240	241	620	Petition to revive – unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 65.00)

\*\*or number previously paid, if greater; For Reissues, see above

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Jacob N. Erlich	Registration No. Attorney/Agent)	24,338	Telephone	(617) 854-4000
Signature			Date	8/21/2001	

WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card Information and authorization on PTO-2038.

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ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>Surcharge - late filing fee or oath</td> <td>65.00</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>Petition to revive – unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,240</td> <td>242</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>440*</td> <td>243</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>600</td> <td>244</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>130</td> <td>123</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>146</td> <td>710</td> <td>246</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>710</td> <td>249</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>179</td> <td>710</td> <td>279</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="6">Other fee (specify)</td> <td></td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3)</td> <td>(\$ 65.00)</td> </tr> </tbody> </table>						Fee Code	Large Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	Surcharge - late filing fee or oath	65.00	127	50	227	Surcharge - late provisional filing fee or cover sheet		139	130	139	Non-English specification		147	2,520	147	For filing a request for reexamination		112	920*	112	Requesting publication of SIR prior to Examiner action		113	1,840*	113	Requesting publication of SIR after Examiner action		115	110	215	Extension for reply within first month		116	390	216	Extension for reply within second month		117	890	217	Extension for reply within third month		118	1,390	218	Extension for reply within fourth month		128	1,890	228	Extension for reply within fifth month		119	310	219	Notice of Appeal		120	310	220	Filing a brief in support of an appeal		121	270	221	Request for oral hearing		138	1,510	138	Petition to institute a public use proceeding		140	110	240	Petition to revive – unavoidable		141	1,240	241	Petition to revive – unintentional		142	1,240	242	Utility issue fee (or reissue)		143	440*	243	Design issue fee		144	600	244	Plant issue fee		122	130	122	Petitions to the Commissioner		123	130	123	Petitions related to provisional applications		126	180	126	Submission of Information Disclosure Stmt		581	40	581	Recording each patent assignment per property (times number of properties)		146	710	246	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	Request for Continued Examination (RCE)		169	900	169	Request for expedited examination of a design application		Other fee (specify)							*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)		(\$ 65.00)
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Complete if applicable					
SUBMITTED BY		Registration No. Attorney/Agent)		Telephone	(617) 854-4000
Name (Print/Type)	Jacob N. Erlich	Registration No. Attorney/Agent)	24,338	Telephone	(617) 854-4000
Signature	<i>Jacob N. Erlich</i>			Date	8/21/2001

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ATTORNEY DOCKET NO.: 12001-105 #4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bharti Temkin, et al.

Application Serial No.: 09/844,635 Group Art Unit: 2671

Filed: April 28, 2001

Confirmation No.: 1591

Title: HAPTIC VIRTUAL ENVIRONMENTS

I hereby certify that this correspondence is being deposited with the United States Postal Service as FIRST CLASS MAIL in an envelope addressed to: BOX MISSING PARTS, Commissioner for Patents, Washington, DC 20231, on:

AUG 22, 2001

Date of mailing

Jacob N. Erlich

Signature

Jacob N. Erlich  
Printed or typed name of sender

RESPONSE TO MISSING PARTS

BOX MISSING PARTS  
Commissioner for Patents  
Washington, D.C. 20231

Sirs:

- Transmitted herewith for the above-identified application are the following:
1. Missing Parts Transmittal Form;
  2. Fee transmittal;
  3. Copy of Notice to File Missing Parts of Nonprovisional Application;
  4. Executed Declaration for Utility or Design Patent Application by the inventors;
  5. Executed Power of Attorney or Authorization of Agent of

inventor Bharti Temkin;  
6. Executed Power of Attorney or Authorization of Agent of  
inventor Eric Acosta;  
7. Check for \$65.00 (surcharge based on small entity  
status); and  
8. Return receipt post card.

The Commissioner for Patents is hereby authorized to  
charge any deficiencies to or credit any overpayment to  
Deposit Account No. 03-2410, Order No. 12001-105.

Respectfully submitted,

BHARTI TEMKIN, et al.,  
Applicants

By:

Jacob Erlich 8/22/2001

Jacob N. Erlich  
Reg. No. 24,338  
Attorney for Applicants

Perkins, Smith & Cohen  
One Beacon Street  
Boston, MA 02108-3106  
(617) 854-4000